



800 Boylston Street, Pru-17  
Boston, Massachusetts 02199

Boston Edison Company

Mary E. Grover, Esq.  
NSTAR Electric & Gas Corporation  
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**Via Hand Delivery**

February 17, 2005

Mary L. Cottrell, Secretary  
Commonwealth of Massachusetts  
Department of Telecommunications and Energy  
One South Station, 2<sup>nd</sup> Floor  
Boston, MA 02110

Re: Boston Edison Company d/b/a NSTAR Electric, D.T.E. 04-71

Dear Secretary Cottrell:

Enclosed for filing in the above-referenced proceeding are 5 copies of the Pre-Filed Testimony of Boston Edison Company witness William N. Hayes, Jr.

If you have any questions or require additional information, please do not hesitate to contact me.

Very truly yours,

A handwritten signature in dark ink, appearing to read "Mary E. Grover / [initials]", written over a horizontal line.

Mary E. Grover  
Assistant General Counsel

Enclosures

cc: Denise L. Desautels, Hearing Officer  
Eric J. Krathwohl, Esq.  
Matthew Goldberg, Esq.  
David Rosenzweig, Esq.

COMMONWEALTH OF MASSACHUSETTS  
DEPARTMENT OF TELECOMMUNICATIONS & ENERGY

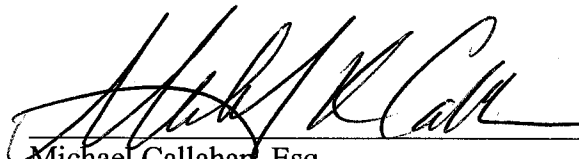
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Boston Edison Company  
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D.T.E. 04-71

CERTIFICATE OF SERVICE

I hereby certify that I have this day served the foregoing document upon all parties in this proceeding.

Dated at Boston, Massachusetts this 17<sup>th</sup> day of February, 2005.



Michael Callahan, Esq.

Counsel for

BOSTON EDISON COMPANY d/b/a  
NSTAR ELECTRIC

NSTAR Electric & Gas Corporation  
800 Boylston Street, P1700  
Boston, MA 02199-8003

Dated: February 17, 2005

**COMMONWEALTH OF MASSACHUSETTS**  
**DEPARTMENT OF TELECOMMUNICATIONS AND ENERGY**

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Boston Edison Company d/b/a NSTAR Electric )  
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D.T.E. 04-71

**DIRECT TESTIMONY OF**  
**WILLIAM N. HAYES, JR.**  
**ON BEHALF OF**  
**BOSTON EDISON COMPANY d/b/a NSTAR ELECTRIC**

**COMMONWEALTH OF MASSACHUSETTS**  
**DEPARTMENT OF TELECOMMUNICATIONS AND ENERGY**

**DIRECT TESTIMONY OF**  
**WILLIAM N. HAYES, JR.**

1   **Q.    Please state your name, position and business address.**

2   A.    My name is William Hayes. I am a Senior Arborist in the Vegetation Management  
3       Department at NSTAR Electric & Gas Corporation. My business address is One NSTAR  
4       Way, Westwood, Massachusetts 02090.

5   **Q.    On whose behalf are you testifying?**

6   A.    I am testifying on behalf of Boston Edison Company d/b/a NSTAR Electric (“NSTAR  
7       Electric” or the “Company”).

8   **Q.    Please summarize your educational and background professional.**

9   A.    I hold a Bachelor of Science degree in Forestry Management, minor in Arboriculture /  
10       Urban Forestry from the University of Massachusetts, Amherst, MA. I have been a  
11       professional arborist since 1987, specializing in utility arboriculture since 1992. My  
12       experience has been that of a tree worker, utility arborist and line clearance contractor,  
13       allowing me a unique understanding of relationships that result in successful vegetation  
14       management programs.

15       I have held my current position since joining NSTAR Electric in January 2001.

16       A copy of my resume is provided herewith as Attachment A.

17   **Q.    Please identify any regulatory proceedings in which you have testified.**

1     A.     I have not previously testified in a regulatory proceeding.

2     **Q.     What is your involvement and responsibility with respect to NSTAR Electric's**  
3     **proposed line relocation project in Framingham, Natick and Sherborn**  
4     **Massachusetts?**

5     A.     As a Senior Arborist, I have responsibility for ensuring that the high voltage transmission  
6     line rights of way are free of vegetation and other obstructions that could contact the lines  
7     at clearances associated with their normal and emergency ratings, while maintaining a  
8     harmonious relationship with varied land uses and the environment. My specific  
9     involvement in the line relocation project described is to provide vegetation control  
10    methods for the purpose of access to and along the right of way for line relocation and  
11    overall best vegetation management practices for the area. Control options for this  
12    project will be a combination of brush and tree mowing, tree removal and utility tree  
13    pruning. Choice of control options is based on effectiveness, environmental impact, site  
14    characteristics, worker/public health and safety and economics. In general, the  
15    vegetation goal is to maintain the rights of way in what is referred to as an "early  
16    successional stage" or shift in plant communities from a predominately tall growing plant  
17    community in favor of naturally low-growing plant species.

18    **Q.     Does this complete your testimony?**

19    A.     Yes, it does.

**D.T.E. 04-71**  
**Boston Edison Company**  
**d/b/a NSTAR Electric**

**Attachment A**

**To Exhibit NSTAR-WNH-1**  
**Direct Testimony of William N. Hayes, Jr.**

# William N Hayes, Jr.

4 Cushmans Landing, Plympton, MA 02367

Home: 781-585-7034

E-mail: [dendronmann@hotmail.com](mailto:dendronmann@hotmail.com)

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EDUCATION: University of Massachusetts, Amherst, Massachusetts  
Bachelor of Science, May 1989  
Major: Forestry Management  
Minor: Arboriculture / Urban Forestry

## WORK HISTORY:

01/01 – present **SENIOR ARBORIST**  
*NSTAR Electric & Gas Corporation*  
*Vegetation Management*  
*Boston, MA*

Responsible for implementing the vegetation management programs best practices on transmission, distribution and gas systems. Develop and evaluate methods for vegetation management to ensure transmission and distribution system reliability in compliance with regulations and standards. Establish and maintain positive community relations by providing technical direction, community outreach and management related to arboricultural programs. Provide direction to utility line clearance contractors and direct supervision of Company Arborists.

05/03 – present **TREE WARDEN** (Elected 2003-2006)  
*Town of Plympton, MA*

Manage all of the shade trees on town of Plympton public lands. Provide both physical and managerial arborist skills. Evaluate and provide preventative tree maintenance programs, hazardous tree removals, utility arboricultural operations, organize public hearings and oversee contractor operations. Manage budget and present before boards and town meetings for approval.

12/97 – 12/00 **AREA MANAGER**  
*Townsend Tree Service Co., Inc.*  
*Parker City, IN*

Direct vegetation management for utility right of way accounts in the Michigan/ N. Indiana/ N. Ohio Area. Management operations include electric/gas distribution and transmission line maintenance, substations, construction, herbicide applications, contract foresters, pipeline, municipal and new business. Lead supervisors in management of accounts and worker training; assist utilities in community relations. Objectives are targeted at profitability, safety and customer satisfaction.

*Utility References:* Detroit Edison, American Electric Power (Michiana & Ft. Wayne Region), Pan Handle Eastern Pipeline Co., Consumers Energy, Fruit Belt Electric Co-op, Cherryland Electric Co-op, Great Lakes Energy Co-op, Southeastern Electric Co-op, Clinton Co. Drain Commission, Cloverland Electric Co-op, Shiawassee Co. Drain Commission, City of Dowagiac, City of Zeeland, Cloverland Electric Co-op and Traverse City Light & Power.

12/96 – 12/97 **Assistant Area Manager**

# William N Hayes, Jr. (cont.)

3/93 – 12/96     **FORESTER**

*Consumers Power Co  
Electric Transmission Order Fulfillment  
Jackson, MI*

Manage vegetation program maintenance, new construction and substations bareground. Management duties include: Vegetation management designs, budgeting, contract writing and purchasing, production analysis, benchmarking and supervision of contract foresters and utility line clearance crews. Technical duties include: approving herbicide chemistry and application techniques, forestry line clearing practices as they relate to system reliability and safety, plant appraisals for right of way procurement and complying with government regulations.

7/92 – 3/93     **CONSULTING FORESTER**

*ACRT, inc., Environmental Vegetation Specialist  
Kent, OH  
Under contract to: Consumers Power Co.*

Responsibilities include all aspects of contracting, scheduling, supervision and follow-up of forestry crews on electric transmission maintenance and new construction. Communicate to solve landowner / right of way conflicts.

3/87 – 7/92     **ARBORIST**

*Greeno Tree Co  
Concord, MA  
6/89 – 7/92*

*Lowden Tree Co  
Needham, MA  
3/87 – 1/89*

Lead production crews, performed sales calls and took responsibility for all aspects of jobs in which assigned, start to finish. Responsible for developing Integrated Pest Management Program, Tree Surveys, Plant Appraisals and crew training.

## **MILITARY**

11/90 – 5/91     Decorated Persian Gulf War Veteran, VII Corps / 1<sup>st</sup> Infantry Division Mechanized / 972 MP Co.

10/86 – 94     Army National Guard, Staff Sergeant  
**Military Police**; 972 MP Co., W. Newton, MA; 144 MP Co., Owosso, MI;  
**MLRS Artillery**, C Bat 1/182, Lansing MI

## **SPECIAL SKILLS:**

Massachusetts Certified Arborist #2105  
International Society Of Arboriculture Certified Arborist #MI 0272  
Massachusetts Commercial Pesticide License w/ Right of Way Category, Code 40  
Consumers Power Co. Certified Basic Tree Trimmer

## **AFFILIATIONS:**

Massachusetts Arborist Association  
Massachusetts Tree Wardens & Foresters Association (Executive Board Member)  
Southeastern Tree Wardens & Arborist Association  
Utility Arborist Association  
International Society of Arboriculture

**REFERENCES:** Available upon Request